

Ohio 4-H Foundation Grant Impact Report

Title of Grant: The Learning Laboratory Kit Supplemental Components & Learning Lab
Interactive CD Library

Applicant Name & Title: Michelle Shipe, Program Coordinator, 4-H Youth Development

Unit Reporting: Belmont County

Amount Funded: \$ 500

Amount Used: \$ 500

Grant Funds Remaining: \$0

Calendar Year of Grant: 2008

Type of Grant (please mark all that apply):

State Grant	Priority Area Grant
Cashman Grant	Lewis/Barnhart/Jenkins Grant
Cleveland Grant	Ebling Urban Extension Grant
Helt Family Grant	Nationwide Volunteer Development Grant
Sauder Grant	Wadlington Grant
<u>Ulrich Grant</u>	

Please use as much space as needed to answer the following requests for information.

Please give an overview of your project. Assume the reader knows nothing about the program.

I originally submitted two grants and was granted the Ulrich Grant for both grant applications. Please keep in mind as you read through the grant report that there are two different educational methods of teaching funded through the grant, so there will be two answers for most questions.

Learning Lab Interactive CD Library

Today's youth spend more and more time using technology. By providing them with an educational CD which can be used by individual members or by groups at club meetings, youth will have the opportunity to learn using an interactive approach. The Ohio State University Curriculum Materials Service provides the perfect interactive approach with their Learning Lab Interactive CD Library which contains 12 different interactive CDs.

The Learning Lab Interactive CD Library will provide an easier, more user-friendly, interactive and technology-based approach for the approximately 175 Belmont County Junior Fair livestock project participants to learn and study for the Livestock Skillathon. Each year, the Belmont County Junior Fair livestock

project participants are required to participate in Livestock Skillathon in order to exhibit their animals at the county fair.

Once we receive the Learning Lab Interactive CD Library, we will be able to begin marketing its components to the members, parents, and volunteers of our 4-H program through newsletters, livestock committees, our advisor and officer training, and county achievement program. An interactive training session will be offered at our new county 4-H program in February, where parents, volunteers, and members will learn about the CD's and have the opportunity to try out the interactive CD's on their own. Advisors may choose to have groups of livestock project participants work together in completing the components of the program or they may choose to do an educational workshop with the entire club. In addition to club advisors, the CD's will be available for parents to sign-out from the Extension office. Parents will have the ability to provide their youth with an opportunity to work independently or to work side by side with their youth as they work to master each section of the program. Advisors and parents will be allowed to sign-out one CD at a time for a two day period.

Learning Laboratory Kit Supplemental Components

Many junior fair, senior participants have mastered the materials in the Livestock Learning Laboratory Kits and are in need of new and challenging educational materials. The supplemental components for beef, dairy, goat, sheep, and swine kits will engage nearly 135 senior project participants in learning by giving them access to the most recent educational materials. It will also provide the participants with an opportunity for self-determination by providing them with new and challenging materials for mastery. A one-time grant can purchase materials for continued use among beef, dairy, goat, sheep and swine project participants in Belmont County.

Please list the objectives of the project and evaluate the measurable objectives achieved. Explain how you measured those objectives.

Our objectives for the Learning Lab Interactive CD Library included:

- 1. Purchasing the Learning Lab Interactive CD Library from The Ohio State University Curriculum Materials Service using a grant from the Ohio 4-H Foundation. A five hundred dollar grant was secured from the Ohio 4-H Foundation to assist in paying for a portion of the CD Library. Additional dollars were secured from the Belmont County 4-H Council and two local 4-H clubs who each donated fifty dollars to cover the remaining cost of the CD Library and the Learning Laboratory Kit Supplemental Components.*
- 2. Marketing the 12 different educational opportunities to the 28 4-H clubs in Belmont County in each of our six bi-monthly 4-H newsletters. An article was published in the May 2008 edition of the Belmont County 4-H Clover Chronicle newsletter. This newsletter is sent to each of the 404 4-H families in the county.*

3. *Providing one training session on the use of the CD Library to parents and volunteers in early 2008.* This objective was not accomplished as we did not have the Learning Lab Interactive CD-ROM Library in time for our 4-H Under Construction event on February 2, 2008.

4. *Providing both advisors and parents of youth taking livestock projects the opportunity to check out one CD-ROM from the library at a time with 50% of the 4-H clubs in the county having members learn through an interactive approach by utilizing at least one interactive CD-ROM during the year.* Five clubs or 17.85% of the 4-H clubs in the county utilized at least one interactive CD during the year. Advisors and parents were required to sign-out and sign-in each CD-ROM.

Our objectives for the Learning Laboratory Kit Supplemental Components included:

1. *Senior participants will feel engaged in learning when using the new challenging materials provide them with an opportunity for self-determination.* Three of the five supplemental components have been back ordered while a revised edition is created. The two components we did receive were not selected for use by Skillathon Committee this year, but will be in the future.

2. *Senior participants' scores will reflect mastery of the new material was achieved.* Three of the five supplemental components have been back ordered while a revised edition is created. The two components we did receive were not selected for use by Skillathon Committee this year, but will be in the future.

Describe the population(s) or target audience(s) served. List how many individuals benefited or were impacted by this program.

One 4-H club and four individual families, from 4 additional clubs, utilized the Beef, Goat, Horse, and Rabbit CD-ROMS. The total numbers utilizing each CD-ROM included Beef – 25; Goat 26; Horse – 1; and Rabbit – 7 for a total 59 individuals.

Which of the 8 critical elements were realized in the program and how was this accomplished?

The Learning Laboratory CD Library provided a positive relationship to youth, who were able to work with a parent or advisor in an emotionally and physically safe environment, as they maneuvered their way through the CD-ROM. An opportunity for self-determination and opportunity for mastery and competency were established with the challenge of new information and the opportunity to master it by testing their new knowledge with the quizzes on the CD-ROM. Youth in a single or group environment were able to engage in learning using the CD-ROM which provided educational videos, photos, descriptions and quizzes.

After the remaining Learning Laboratory Kit Supplemental Components are received and utilized, senior participants will be engaged in learning when using the new material as challenging materials are provided as an opportunity for self-determination. Senior participants' scores will be reviewed to determine if mastery of the new material was achieved.

Provide a **detailed** budget and actual expenditures. Original receipts or copies are not necessary, but be sure that your expenditures are detailed with specific dollar amounts.

Learning Laboratory Interactive CD's <i>(Includes 12 CD's – one for each kit: Dairy, Beef, Swine, Sheep, Rabbit, Horse, Goat, Poultry, Dog, Lawn & Garden Equipment, Lawn Care, and Plant Identification)</i>	\$ 1,047.98
Beef Kit Supplement – Male and Female Reproduction	\$ 49.98
Dairy Kit Supplement – Male and Female Reproduction	\$ 49.98
Goat Kit Supplement – Ruminant Digestive Tract	\$ 49.98
Sheep Kit Supplement – Health and Diseases	\$ 33.98
Swine Kit Supplement – Meat Science	\$ 44.98
TOTAL	\$ 1,276.88
Paid by Ohio 4-H Foundation Grant	\$500.00
Paid by Belmont County 4-H Council <i>(Including two \$50 donations from 4-H Clubs)</i>	\$776.88

If this is a continuing program, please describe future plans/program objectives.

Both the Learning Laboratory Interactive CD Library and Learning Laboratory Kit Supplemental Components will continue to be utilized in the future by Belmont County 4-H youth, volunteers, and 4-H program staff. The objectives will remain the same for this year, but will be reevaluated annually.

Michelle Shipe
Grant Recipient Signature

9-17-2008
Date